

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
SJ-0005

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS****Box Patent Application  
Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**Compositions and Methods for Sensitizing and Inhibiting Growth of Human Tumor Cells**

and invented by:

**Danks et al.**JC498 U.S. PTO  
09/595682  
06/16/00If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: PCT/US99/03171

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 46 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications *(if applicable)*
  - c. ☒ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*  
a. ☐ Formal      b. ☒ Informal      Number of Sheets 14
4. ☒ Oath or Declaration  
a. ☐ Newly executed *(original or copy)*      ☒ Unexecuted  
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*  
c. ☒ With Power of Attorney      ☐ Without Power of Attorney  
d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☒ Genetic Sequence Submission *(if applicable, all must be included)*  
a. ☒ Paper Copy  
b. ☒ Computer Readable Copy  
c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing  
☐ First Class      ☒ Express Mail *(Specify Label No.):* EL638153930US

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**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Small Entity Statement(s) - Specify Number of Statements Submitted: 1
17. ☐ Additional Enclosures *(please identify below)*:

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	21	- 20 =	1	x \$9.00	\$9.00
Indep. Claims	2	- 3 =	0	x \$39.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$345.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$354.00

- ☒ A check in the amount of **\$354.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **12-1086** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **June 16, 2000**

Jane Massey Licata  
Signature

Jane Massey Licata  
Reg. No. 32,257  
Law Offices of Jane Massey Licata  
66 E. Main Street  
Marlton, NJ 08053  
Tel: 856-820-2525  
Fax: 856-810-1454

cc:

SJ-0005

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Label No.EL638153930US

Date of Deposit June 16, 2000

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the "BOX Patent Application", Assistant Commissioner for Patents, Washington, D.C. 20231.

- 1) Patent Application Transmittal Letter (2 copies);
- 2) Application consisting of 46 pages of Specification, including three (3) pages of Claims, and one (1) page of Abstract;
- 3) 14 sheets of Informal Drawings;
- 4) Return Post Card;
- 5) Check in the amount of \$354.00;
- 6) Verified Statement Claiming Small Entity Status;
- 7) Unexecuted Declaration and Power of Attorney;
- 8) Statement to Support Filing and Submission in Accordance with 37 CRF §§1.821-1.825;
- 9) Sequence listing; and
- 10) Diskette containing computer readable copy of Sequence Listing.

Jane Massey Licata  
JANE MASSEY LICATA

09595682 "061600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: SJ-0005  
Inventors: Danks et al.  
Serial No.: Not yet assigned.  
Filing Date: Herewith  
Examiner: Not yet assigned.  
Group Art Unit: Not yet assigned.  
Title: Compositions and Methods for Sensitizing  
and Inhibiting Growth of Human Tumor  
Cells



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Date of Deposit June 16, 2000

I hereby certify that this paper is being deposited  
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on the date indicated above and is addressed to the  
Assistant Commissioner for Patents, Washington,  
D.C. 20231.

By Jane Massey Licata  
Typed Name: Jane Massey Licata

**BOX SEQUENCE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE  
WITH 37 CFR §§ 1.821 THROUGH 1.825**

- (XX) I hereby state, in accordance with the requirements of 37  
C.F.R. §1.821(f), that the contents of the paper and  
computer readable copies of the Sequence Listing, submitted  
in accordance with 37 CFR §1.821(c) and (e), respectively  
are the same.
- ( ) I hereby state that the submission filed in accordance with  
37 CFR §1.821(g) does not include new matter.

- ( ) I hereby state that the submission filed in accordance with 37 CFR §1.821(h) does not include new matter or go beyond the disclosure in the international application as filed.
- ( ) I hereby state that the amendments, made in accordance with 37 CFR §1.825(a), included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages \_\_\_\_\_. I hereby state that the substitute sheet(s) of the Sequence Listing does not include new matter.
- ( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(b), is the same as the amended Sequence Listing.
- ( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(d), contains identical data to that originally filed.

Respectfully submitted,

*Jane Massey Licata*

Jane Massey Licata  
Registration No. 32,257

Date: June 16, 2000

Law Offices of  
JANE MASSEY LICATA  
66 E. Main Street  
Marlton, New Jersey 08053

(856) 810-1515